

Supervisor for

Matteo Chiesa: *Linking advanced fracture models to structural analysis* (1998-2001)

Sigmund Ås: *Fatigue life prediction of an aluminium alloy automotive component using finite element analysis of surface topography* (2002-2005)

Lingyun Shang: *Evaluation of fracture parameters for notched multi-layered structures* (2003-2009)

Victorien Prot: *Modelling and numerical analysis of the porcine and human mitral apparatus* (2003-2008)

Knut Lunde: *Constitutive modelling of morsellised bone* (2003-2008)

Sune Pettersen: *Subject specific finite element analysis of bone: evaluation of healing of leg lengthening and femoral stem design* (2004-2009)

Espen Berg: *Numerical analysis of ductile fracture in surface cracked shells* (2004-2009)

Valentina Larussa: *Biomechanical aspects of distraction osteogenesis: Experimental evaluation of three wire fixators' design and assessment of callus stiffness using finite element modeling* (2007--2012).

Masoud Ramezanzadehkoldeh: *Biomechanical analysis of bone quality: effects of proton pump inhibitors* (2012--2017)

Hongliang Liu: *Modeling and simulation of upper airway tissues for improved understanding of the obstructive sleep apnea syndrome* (2015-2018)

Ershad Pourbahaaddini Zarandi : *Fatigue and reliability analysis of mooring chains* (2017-2020)

Mads Aursand: *Fatigue Damage in Mooring Chains: Mechanisms and Models* (2017-2020)

Co-supervisor for

Abuu Khalifa Mohammed: *Nonlinear shell finite elements for ultimate strength and collapse analysis of ship structures* (1998-2001)

Svein Hellesø: *Dynamic analysis and monitoring of power transmission cables using fibre optic sensors* (2002-2005)

Sigrid Kaarstad Dahl: *Numerical simulations of blood flow in the left side of the heart* (2007--2012)

Paul Roger Leinan: *Fluid-structure modelling in the feto-placental circulation – on the umbilical vein and ductus venosus bifurcation* (2007--2012)

Kristin M Aasarød: *Skeletal Effects of Gastric Hypoacidity in Mice and Humans* (2012-2016)

Arne Ilseng: *Mechanical behaviour of particle-filled elastomers at various temperatures*
(2013-2016)

Gaute Aasen Slinde: *Modelling and numerical analysis of the heart* (2016-2020)

Xuyan Liu: *Modeling of atherosclerotic plaques* (2017-2021)